

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"20050084119"	US-PGPUB; USPAT	OR	ON	2007/01/08 17:04
S1	388	(381/119.ccls.)	US-PGPUB; USPAT	OR	ON	2006/12/19 12:54
S2	289	S1 and @ad<"20031016"	US-PGPUB; USPAT	OR	ON	2006/12/19 13:37
S3	10	S2 and (subwoofer\$2 and transistor\$2 or FET)	US-PGPUB; USPAT	OR	ON	2006/12/19 13:31
S4	1	S2 and (subwoofer\$2 and (transistor\$2 or FET))	US-PGPUB; USPAT	OR	ON	2006/12/19 13:31
S5	1	S2 and (subwoofer\$2 and (transistor\$2 or FET))	US-PGPUB; USPAT	OR	ON	2006/12/19 13:31
S6	38	S2 and (transistor\$2 or FET)	US-PGPUB; USPAT	OR	ON	2006/12/19 13:38
S7	673	(381/86.ccls.)	US-PGPUB; USPAT	OR	ON	2006/12/19 13:37
S8	530	S7 and @ad<"20031016"	US-PGPUB; USPAT	OR	ON	2006/12/19 13:55
S9	8	S8 and ((transistor\$2 or FET) and (mix\$3))	US-PGPUB; USPAT	OR	ON	2006/12/19 13:40
S10	52	S8 and (transistor\$2 or FET)	US-PGPUB; USPAT	OR	ON	2006/12/19 13:47
S11	16	(S2 or S8)and ((mix\$3 ir blend\$3 or combin\$3) with (\$4woofer))	US-PGPUB; USPAT	OR	ON	2006/12/19 13:54
S12	98	((mix\$3 ir blend\$3 or combin\$3) with (\$4woofer)with (channel\$2))	US-PGPUB; USPAT	OR	ON	2006/12/19 13:54
S13	66	S12 and @ad<"20031016"	US-PGPUB; USPAT	OR	ON	2006/12/19 15:35

EAST Search History

S14	42	(US-20030039373-\$ or US-20030026439-\$ or US-20030103634-\$ or US-20030236580-\$ or US-20030210796-\$ or US-20030210794-\$ or US-20030185400-\$ or US-20030023429-\$ or US-20020061114-\$).did. or (US-5673327-\$ or US-5652800-\$ or US-4433209-\$ or US-4400583-\$ or US-6728167-\$ or US-5440643-\$ or US-4675905-\$ or US-4434325-\$ or US-5321671-\$ or US-3795771-\$ or US-3882275-\$ or US-4085365-\$ or US-4329544-\$ or US-4441086-\$ or US-4453264-\$ or US-7072726-\$ or US-6681018-\$ or US-5768394-\$ or US-5384855-\$ or US-7103193-\$ or US-6882733-\$ or US-5129006-\$ or US-5144670-\$ or US-5216723-\$ or US-5327182-\$ or US-5506907-\$). did. or (US-5761349-\$ or US-5673326-\$ or US-5608473-\$ or US-6028972-\$ or US-5988314-\$ or US-6016182-\$ or US-5912976-\$). did.	US-PGPUB; USPAT	OR	ON	2006/12/19 14:25
S15	22	S14 and ((mix\$3 or merg\$3 or combin\$3 or join\$4) with (\$4woofer\$1)) and (channel\$1)	US-PGPUB; USPAT	OR	ON	2006/12/19 15:16
S16	138	"L22" and (transistor\$2 and buffer\$1)	US-PGPUB; USPAT	OR	ON	2006/12/19 14:33
S17	93772	L15\ and (transistor\$2 and buffer\$1)	US-PGPUB; USPAT	OR	ON	2006/12/19 14:33
S18	1	S15 and (transistor\$2 and buffer\$1)	US-PGPUB; USPAT	OR	ON	2006/12/19 14:35
S19	1	S18 and (turn\$4)	US-PGPUB; USPAT	OR	ON	2006/12/19 14:35
S20	6	S15 and ((mix\$3 or channel\$1) adj2 down)	US-PGPUB; USPAT	OR	ON	2006/12/19 14:40
S21	7	S15 and ((buffer or channel\$1 or mix\$3) with (down))	US-PGPUB; USPAT	OR	ON	2006/12/19 15:21
S22	59	S7 and (transistor\$2)	US-PGPUB; USPAT	OR	ON	2006/12/19 15:21
S23	0	S21 and (transistor\$2)	US-PGPUB; USPAT	OR	ON	2006/12/19 15:22
S24	0	(S14 and S21) and (transistor\$2)	US-PGPUB; USPAT	OR	ON	2006/12/19 15:23

EAST Search History

S25	17	(S14 and (transistor\$1 or FET))	US-PGPUB; USPAT	OR	ON	2006/12/19 15:31
S26	3184	((third and second) with (transistor\$2) with (turn\$2 off)) and ((first adj2 transistor) with (turn\$2 on))	US-PGPUB; USPAT	OR	ON	2006/12/19 15:39
S27	2432	S26 and @ad<"20031016"	US-PGPUB; USPAT	OR	ON	2006/12/19 15:40
S28	654	S27 and (buffer)	US-PGPUB; USPAT	OR	ON	2006/12/19 15:41
S29	2	S28 and ("381"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2006/12/19 15:37
S30	1419	((third and second) adj2 (transistor\$2) with (turn\$2 off)) and ((first adj2 transistor) adj3 (turn\$2 on))	US-PGPUB; USPAT	OR	ON	2006/12/19 16:22
S31	1015	S30 and @ad<"20031016"	US-PGPUB; USPAT	OR	ON	2006/12/19 16:07
S32	275	S31 and (buffer)	US-PGPUB; USPAT	OR	ON	2006/12/19 15:51
S33	0	S32 and (\$4woofer)	US-PGPUB; USPAT	OR	ON	2006/12/19 15:48
S34	1	"20050084119"	US-PGPUB; USPAT	OR	ON	2006/12/19 15:54
S35	8	S32 and ((mix\$3 or channel\$1) with (down))	US-PGPUB; USPAT	OR	ON	2006/12/19 16:18
S36	8	S32 and ((mix\$3 or channel\$1 or \$4woofer) with (down))	US-PGPUB; USPAT	OR	ON	2006/12/19 16:06
S37	12750	(transistor\$2 or FET) and ((mix\$3 or channel\$1 or \$4woofer) with (down))	US-PGPUB; USPAT	OR	ON	2006/12/19 16:19
S38	10250	S37 and @ad<"20031016"	US-PGPUB; USPAT	OR	ON	2006/12/19 16:21
S39	28	((third and second) adj2 (transistor\$2) with (turn\$2 off)) and ((first adj2 transistor) adj3 (turn\$2 on)) and (S38)	US-PGPUB; USPAT	OR	ON	2006/12/19 16:17
S40	0	(S14 and S39)	US-PGPUB; USPAT	OR	ON	2006/12/19 16:17
S41	360	(transistor\$2 or FET) and (((mix\$3 or channel\$1 or \$4woofer or speaker\$2) with (down)) same (\$4woofer or speaker\$2))	US-PGPUB; USPAT	OR	ON	2006/12/19 16:30
S42	297	S41 and @ad<"20031016"	US-PGPUB; USPAT	OR	ON	2006/12/19 16:31

EAST Search History

S43	1312	((third and second) adj2 (transistor\$2) with (turn\$2)) and ((first adj2 transistor) adj3 (turn\$2))	US-PGPUB; USPAT	OR	ON	2006/12/19 16:33
S44	0	(S42 and S43)	US-PGPUB; USPAT	OR	ON	2006/12/19 16:25
S45	0	((third and second) adj2 (transistor\$2) with (turn\$2)) and ((first adj2 transistor) adj3 (turn\$2)) and (S42)	US-PGPUB; USPAT	OR	ON	2006/12/19 16:26
S46	119	(transistor\$2 or FET) and ((mix\$3 or channel\$1 or \$4woofer or speaker\$2) with (down)) and ("381"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2006/12/19 16:31
S47	100	S46 and @ad<"20031016"	US-PGPUB; USPAT	OR	ON	2006/12/19 16:31
S48	0	((third and second) adj2 (transistor\$2) with (turn\$2)) and ((first adj2 transistor) adj3 (turn\$2)) and (S47)	US-PGPUB; USPAT	OR	ON	2006/12/19 16:33
S49	47	(US-20030039373-\$ or US-20030026439-\$ or US-20030103634-\$ or US-20030236580-\$ or US-20030210796-\$ or US-20030210794-\$ or US-20030185400-\$ or US-20030023429-\$ or US-20020061114-\$ or US-20050010699-\$ or US-20050036645-\$).did. or (US-5673327-\$ or US-5652800-\$ or US-4433209-\$ or US-4400583-\$ or US-6728167-\$ or US-5440643-\$ or US-4675905-\$ or US-4434325-\$ or US-5321671-\$ or US-3795771-\$ or US-3882275-\$ or US-4085365-\$ or US-4329544-\$ or US-4441086-\$ or US-4453264-\$ or US-7072726-\$ or US-6681018-\$ or US-5768394-\$ or US-5384855-\$ or US-7103193-\$ or US-6882733-\$ or US-5129006-\$ or US-5144670-\$ or US-5216723-\$ or US-5327182-\$ or US-5506907-\$). did. or (US-5761349-\$ or US-5673326-\$ or US-5608473-\$ or US-6028972-\$ or US-5988314-\$ or US-6016182-\$ or US-5912976-\$ or US-7110555-\$ or US-6590982-\$ or US-6130954-\$).did.	US-PGPUB; USPAT	OR	ON	2006/12/19 17:32

EAST Search History

S50	25	S49 and ((left and right) adj3 (channel\$1))	US-PGPUB; USPAT	OR	ON	2006/12/19 17:33
S51	9	S50 and (buffer\$1)	US-PGPUB; USPAT	OR	ON	2006/12/19 17:38
S52	536	("381"/\$.ccls.) and ((channel\$1 or \$4woofer or buffer\$1 or mix\$3) with (down)) and (@ad<"200031016")	US-PGPUB; USPAT	OR	ON	2006/12/19 17:43
S53	88	S52 and (transistor\$1 or FET)	US-PGPUB; USPAT	OR	ON	2006/12/19 17:40
S54	430	("381"/\$.ccls.) and ((channel\$1 or \$4woofer or buffer\$1 or mix\$3) with (down)) and (@ad<"20031016")	US-PGPUB; USPAT	OR	ON	2006/12/19 17:58
S55	26	S54 and (transistor\$2 or FET)	US-PGPUB; USPAT	OR	ON	2006/12/20 08:14
S56	1	"20050013444"	US-PGPUB; USPAT	OR	ON	2006/12/20 08:14
S57	42	(US-20030039373-\$ or US-20030026439-\$ or US-20030103634-\$ or US-20030236580-\$ or US-20030210796-\$ or US-20030210794-\$ or US-20030185400-\$ or US-20030023429-\$ or US-20020061114-\$).did. or (US-5673327-\$ or US-5652800-\$ or US-4433209-\$ or US-4400583-\$ or US-6728167-\$ or US-5440643-\$ or US-4675905-\$ or US-4434325-\$ or US-5321671-\$ or US-3795771-\$ or US-3882275-\$ or US-4085365-\$ or US-4329544-\$ or US-4441086-\$ or US-4453264-\$ or US-7072726-\$ or US-6681018-\$ or US-5768394-\$ or US-5384855-\$ or US-7103193-\$ or US-6882733-\$ or US-5129006-\$ or US-5144670-\$ or US-5216723-\$ or US-5327182-\$ or US-5506907-\$). did. or (US-5761349-\$ or US-5673326-\$ or US-5608473-\$ or US-6028972-\$ or US-5988314-\$ or US-6016182-\$ or US-5912976-\$). did.	US-PGPUB; USPAT	OR	ON	2007/01/03 11:25
S58	22	S57 and ((mix\$3 or merg\$3 or combin\$3 or join\$4) with (\$4woofer\$1)) and (channel\$1)	US-PGPUB; USPAT	OR	ON	2007/01/03 11:26
S59	22	S58	US-PGPUB; USPAT	OR	ON	2007/01/03 11:25

EAST Search History

S60	1	((mix\$3 or merg\$3 or combin\$3 or join\$4) with (\$4woofer\$1)) and (channel\$1) and (("326"/\$.ccls.) or ("330"/\$.ccls.) or ("327"/\$.ccls.))	US-PGPUB; USPAT	OR	ON	2007/01/03 11:28
S61	145	((mix\$3 or merg\$3 or combin\$3 or join\$4) with (\$4woofer\$1)) and (channel\$1) and (("326"/\$.ccls.) or ("330"/\$.ccls.) or ("327"/\$.ccls.) or ("381"/\$.ccls.))	US-PGPUB; USPAT	OR	ON	2007/01/03 11:32
S62	9	S61 and (transist\$4)	US-PGPUB; USPAT	OR	ON	2007/01/03 12:41
S63	1	"20050084119"	US-PGPUB; USPAT	OR	ON	2007/01/03 12:42
S64	3	"6704428"	US-PGPUB; USPAT	OR	ON	2007/01/04 14:04
S65	50	(US-20030039373-\$ or US-20050036645-\$ or US-20030236580-\$ or US-20030210794-\$ or US-20050010699-\$ or US-20020061114-\$ or US-20030210796-\$ or US-20030185400-\$ or US-20030023429-\$ or US-20030026439-\$ or US-20030103634-\$).did. or (US-5912976-\$ or US-6704428-\$ or US-7110555-\$ or US-6590982-\$ or US-6130954-\$ or US-7072726-\$ or US-4675905-\$ or US-5440643-\$ or US-5506907-\$ or US-6882733-\$ or US-5321671-\$ or US-4434325-\$ or US-4433209-\$ or US-4400583-\$ or US-3795771-\$ or US-6728167-\$ or US-5673327-\$ or US-5768394-\$ or US-5652800-\$ or US-6681018-\$ or US-7103193-\$ or US-6016182-\$ or US-5144670-\$ or US-5129006-\$ or US-5673326-\$ or US-5608473-\$). did. or (US-5988314-\$ or US-5761349-\$ or US-6028972-\$ or US-5327182-\$ or US-5216723-\$ or US-4441086-\$ or US-4085365-\$ or US-5384855-\$ or US-4453264-\$ or US-4329544-\$ or US-3882275-\$ or US-6566960-\$ or US-6240189-\$). did.	US-PGPUB; USPAT	OR	ON	2007/01/04 15:52
S66	6	((mix\$3 or channel\$2) adj2(down)) and S65	US-PGPUB; USPAT	OR	ON	2007/01/04 15:53
S67	1	S66 and (\$5woofer and buffer)	US-PGPUB; USPAT	OR	ON	2007/01/04 15:53

EAST Search History

S68	50	(US-20030185400-\$ or US-20050010699-\$ or US-20030210794-\$ or US-20030236580-\$ or US-20030039373-\$ or US-20030210796-\$ or US-20030023429-\$ or US-20050036645-\$ or US-20020061114-\$ or US-20030026439-\$ or US-20030103634-\$).did. or (US-5321671-\$ or US-4441086-\$ or US-4434325-\$ or US-3882275-\$ or US-4675905-\$ or US-5506907-\$ or US-5912976-\$ or US-6882733-\$ or US-7072726-\$ or US-5440643-\$ or US-5673327-\$ or US-5768394-\$ or US-5608473-\$ or US-6028972-\$ or US-6590982-\$ or US-6566960-\$ or US-4085365-\$ or US-5384855-\$ or US-5988314-\$ or US-4329544-\$ or US-5144670-\$ or US-6130954-\$ or US-6016182-\$ or US-5216723-\$ or US-4433209-\$ or US-7103193-\$). did. or (US-5652800-\$ or US-6728167-\$ or US-6681018-\$ or US-3795771-\$ or US-5129006-\$ or US-7110555-\$ or US-4453264-\$ or US-5673326-\$ or US-5327182-\$ or US-6240189-\$ or US-6704428-\$ or US-4400583-\$ or US-5761349-\$). did.	US-PGPUB; USPAT	OR	ON	2007/01/08 07:12
S69	1907	((channel adj2 down) or mix\$4) and (((first or second or third) adj3 (transistor\$2))same (turn\$3))	US-PGPUB; USPAT	OR	ON	2007/01/08 07:31
S70	12821	(transistor\$2 or FET) and ((mix\$3 or channel\$1 or \$4woofer) with (down))	US-PGPUB; USPAT	OR	ON	2007/01/08 07:19
S71	12821	S70	US-PGPUB; USPAT	OR	ON	2007/01/08 07:19
S72	3216	((third and second) with (transistor\$2) with (turn\$2 off)) and ((first adj2 transistor) with (turn\$2 on))	US-PGPUB; USPAT	OR	ON	2007/01/08 07:20
S73	2432	S72 and @ad<"20031016"	US-PGPUB; USPAT	OR	ON	2007/01/08 07:38
S74	2432	S73	US-PGPUB; USPAT	OR	ON	2007/01/08 07:20
S75	1536	S69 and @ad<"20031016"	US-PGPUB; USPAT	OR	ON	2007/01/08 07:23

EAST Search History

S76	170	S75 and S72	US-PGPUB; USPAT	OR	ON	2007/01/08 07:23
S77	1	S75 and S68	US-PGPUB; USPAT	OR	ON	2007/01/08 07:23
S78	1	(channel adj2 down) and (((first or second or third) adj3 (transistor\$2))same (turn\$3)) and (\$4woofer\$1)	US-PGPUB; USPAT	OR	ON	2007/01/08 07:32
S79	51	(channel adj2 down) and (\$4woofer\$1)	US-PGPUB; USPAT	OR	ON	2007/01/08 07:32
S80	32	S79 and @ad<"20031016"	US-PGPUB; USPAT	OR	ON	2007/01/08 07:35
S81	0	S80 and (transistor\$2 same turn\$2)	US-PGPUB; USPAT	OR	ON	2007/01/08 07:36
S82	35	(mix\$3 near3 \$4woofer\$1)	US-PGPUB; USPAT	OR	ON	2007/01/08 07:38
S83	18	S82 and @ad<"20031016"	US-PGPUB; USPAT	OR	ON	2007/01/08 07:38